



DOCKET NO: 215141US2

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

IN RE APPLICATION OF :  
YASUHIRO IWAMURA, ET AL. : EXAMINER: GREENE, DANIEL L  
SERIAL NO: 09/981,983 :  
RCE FILED: AUGUST 5, 2005 : GROUP ART UNIT: 3663  
FOR: NUCLIDE TRANSMUTATION :  
DEVICE AND NUCLIDE  
TRANSMUTATION METHOD

**REQUEST FOR SUBSEQUENT SUSPENSION UNDER C.F.R. §1.103(a) or (c)**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

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SIR:

Applicants respectfully request that prosecution in the above-identified patent application be suspended for additional six months under 37 C.F.R. § 1.103(a) or alternatively for three months under 37 C.F.R. § 1.103(c).

As stated in the previous request for suspension filed August 5, 2005, a cooperative experiment has been conducted by an Independent Administrative Institution, RIKEN, in relation to the nuclide transmutation technique according to the present invention. Furthermore, the U.S. Naval Research Laboratory (NRL) has also started on May 20, 2005, a cooperative research with Mitsubishi Heavy Industries, Ltd. on this nuclide transmutation technique. The cooperative research is scheduled to continue through May 2007 and the schedule has not been changed so far. It is believed that the cooperative research with NRL will provide experimental results in support of the operability of the present invention and Applicants wish to submit such experimental results in the present application.

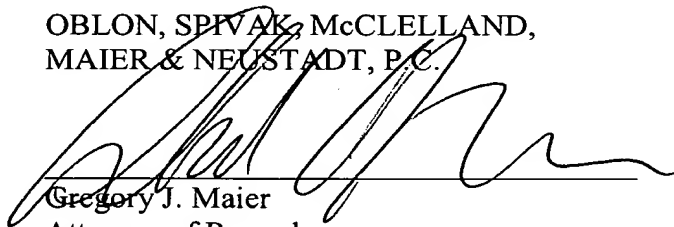
In addition to the cooperative research with NRL, Dr. Kitamura's research team at Kobe University in Japan announced in the 12<sup>th</sup> International Conference on Condensed Matter Nuclear Science, which was held from November 27 to December 2, 2005, that Mo was produced from Sr. It is expected that the research team will publish their experimental data in September 2006, and Applicants wish to submit the publication which may be helpful in the examination of the present application.

Therefore, Applicants respectfully submit that there are good and sufficient reasons for the requested suspension and that the requirements for 37 C.F.R. § 1.103(a) are met.

If, however, the above cooperative research does not comprise "good and sufficient reasons" as required under 37 C.F.R. § 1.103(a), Applicants alternatively request a three month suspension under 37 C.F.R. § 1.103(c), as the processing fee required under §1.17(i) is attached herewith. The Commissioner is also authorized to withdraw any fee insufficient from the undersigned attorney's account no. 15-0030.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Gregory J. Maier  
Attorney of Record  
Registration No. 25,599

Customer Number

**22850**

Tel: (703) 413-3000  
Fax: (703) 413 -2220  
(OSMMN 06/04)

Akihiro Yamazaki  
Registration No. 46,155

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Applicants: Yasuhiro IWAMURA, et al.  
RCE Filing Date: August 5, 2005  
For: NUCLIDE TRANSMUTATION DEVICE AND  
NUCLIDE TRANSMUTATION METHOD  
Group Art Unit: 3663  
Examiner: GREENE, DANIEL L

SIR:

Attached hereto for filing are the following papers:

**Request for Subsequent Suspension under C.F.R. §1.103(a) or (c)**

Our credit card payment form in the amount of \$130.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Gregory J. Maier

Registration No. 25,599

Customer Number

**22850**

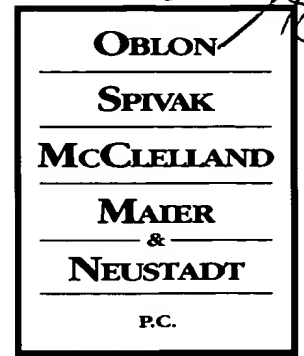
(703) 413-3000 (phone)

(703) 413-2220 (fax)

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Akihiro Yamazaki

Registration No. 46,155



ATTORNEYS AT LAW

GREGORY J. MAIER  
(703) 413-3000  
GMAIER@OBLON.COM

AKIHIRO YAMAZAKI  
(703) 413-3000  
AYAMAZAKI@OBLON.COM



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ATTORNEYS AT LAW

GREGORY J. MAIER  
(703) 413-3000  
GMAIER@OBLON.COM

AKIHIRO YAMAZAKI  
(703) 413-3000  
AYAMAZAKI@OBLON.COM

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Akihiro Yamazaki  
Registration No. 46,155